

CLAIMS

1. A fungicidal wood preservative composition comprising an active ingredient selected from Tetrabromobisphenol A (TBBA) and homologues and derivatives thereof.
2. A composition according to claim 1, wherein the homologues are selected from Tetrabromobisphenol E, Tetrabromobisphenol F, Tetrabromobisphenol Z and Tetrabromobisphenol S.
3. A composition according to claim 1 or 2, wherein TBBA or a homologue of TBBA is substituted by a substituent other than bromine, either on one or both phenyl rings, or at the bridge.
4. A composition according to claim 1, wherein TBBA or its homologue or derivative is solubilized in an organic or aqueous solvent.
5. A composition according to claim 4, wherein the solvent is an organic solvent selected from alcohols, e.g. ethanol, hydrocarbons, toluene and ketones.

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APPENDIX E

6. A composition according to claim 4, wherein the solution comprises, in addition to water, sodium hydroxide (NaOH), and sodium dithionite (Na₂S₂O₄).

7. A composition according to claim 1, wherein the TBBA or its homologue or derivative is provided in an emulsion.

8. A composition according to claim 7, wherein the emulsion comprises, in addition to water, Butyl Lactate, and NP-15.

9. A composition according to claims 6 or 8, wherein the concentration of TBBA, or an homologue or derivative thereof is up to 40% (W/W).

10. A composition according to claim 9, wherein the concentration of TBBA, or an homologue or derivative thereof, is in the range of 0.01% - 20% (W/W).

11. A fungicidal wood preservative according to claim 1, comprising TBBA, or an homologue or derivative thereof, as the active ingredient.

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12. A method for preserving wood, comprising impregnating wood with a solution comprising a compound according to claim 1 as an active ingredient.

13. A method for preserving wood, comprising impregnating wood with a composition according to any one of claims 1 to 10, wherein the specimens have been pressure-treated.

14. A wood product, preserved by impregnation with a compound according to claim 1.

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